FIG. 1
(PRIOR ART)

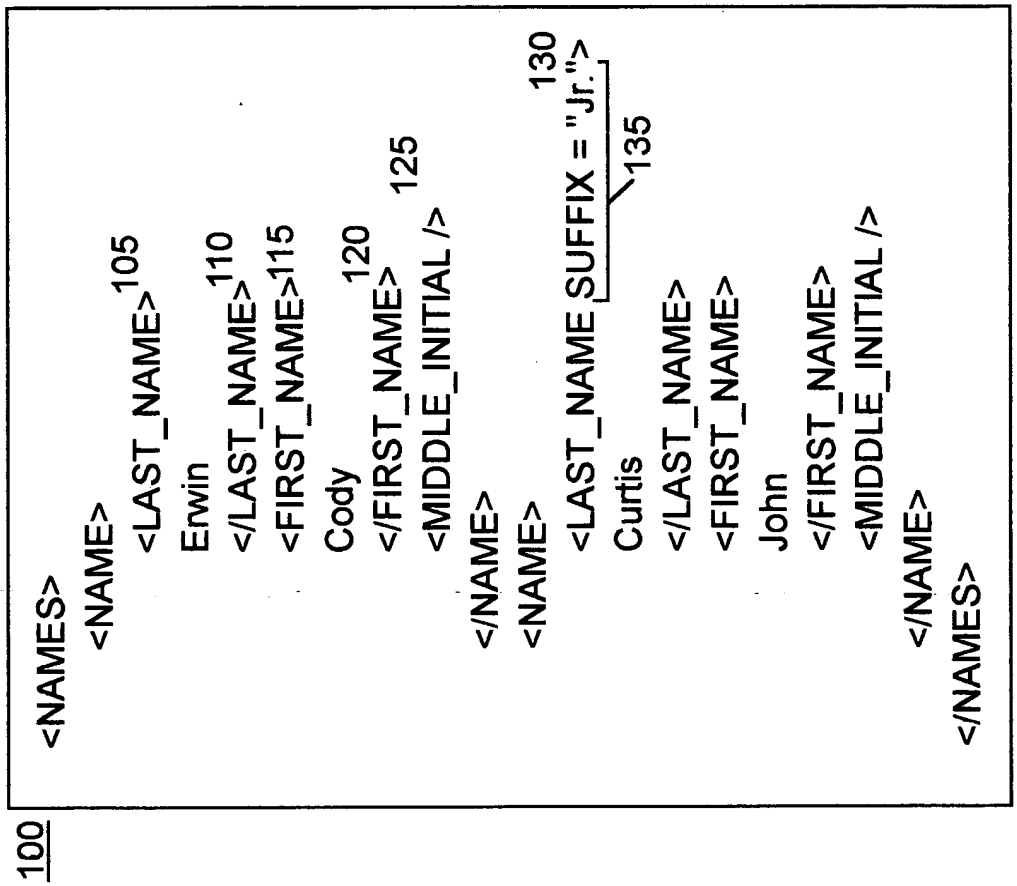


FIG. 2
(PRIOR ART)

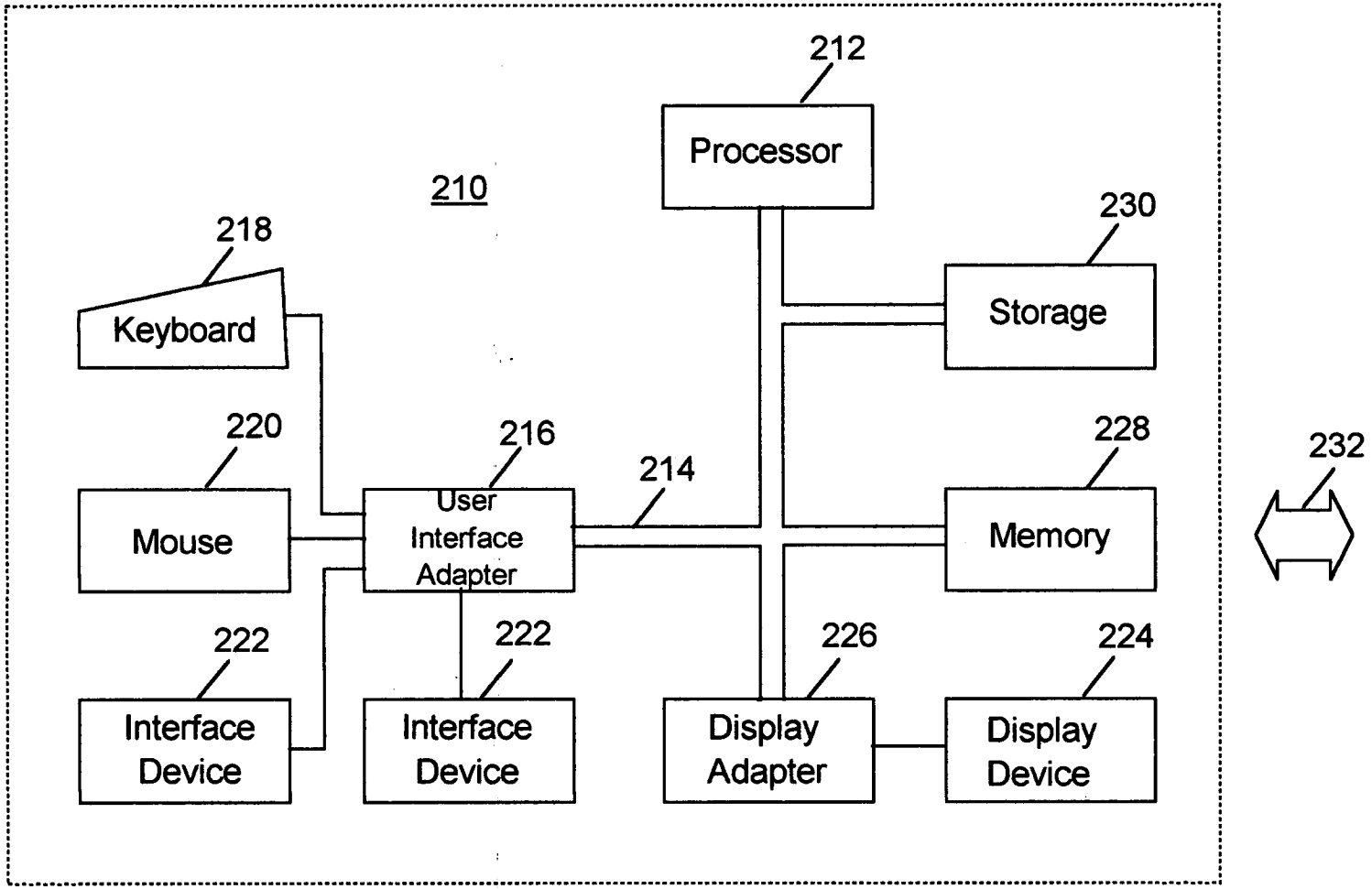
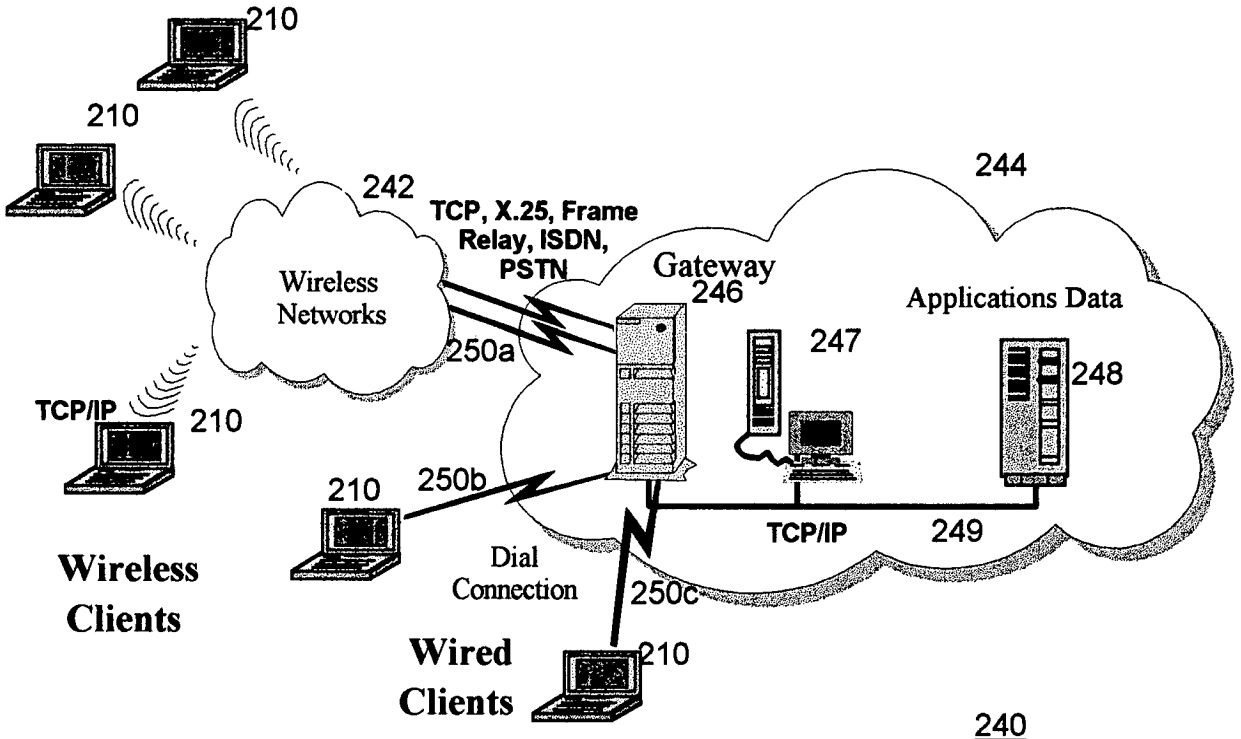


FIG. 3
(PRIOR ART)



00TE80" 95025960

FIG. 4A
(PRIOR ART)

400

```
<root_element>402
    <level_one_element1 id="1" name="1">410
        A
        <level_two_element11> B </level_two_element11>412
        <level_two_element12> C </level_two_element12>414
    </level_one_element1>
    <level_one_element2 id="2" name="2">420
        D
        <level_two_element21> E </level_two_element21>422
    </level_one_element2>
</root_element>
```

FIG. 4B
(PRIOR ART)

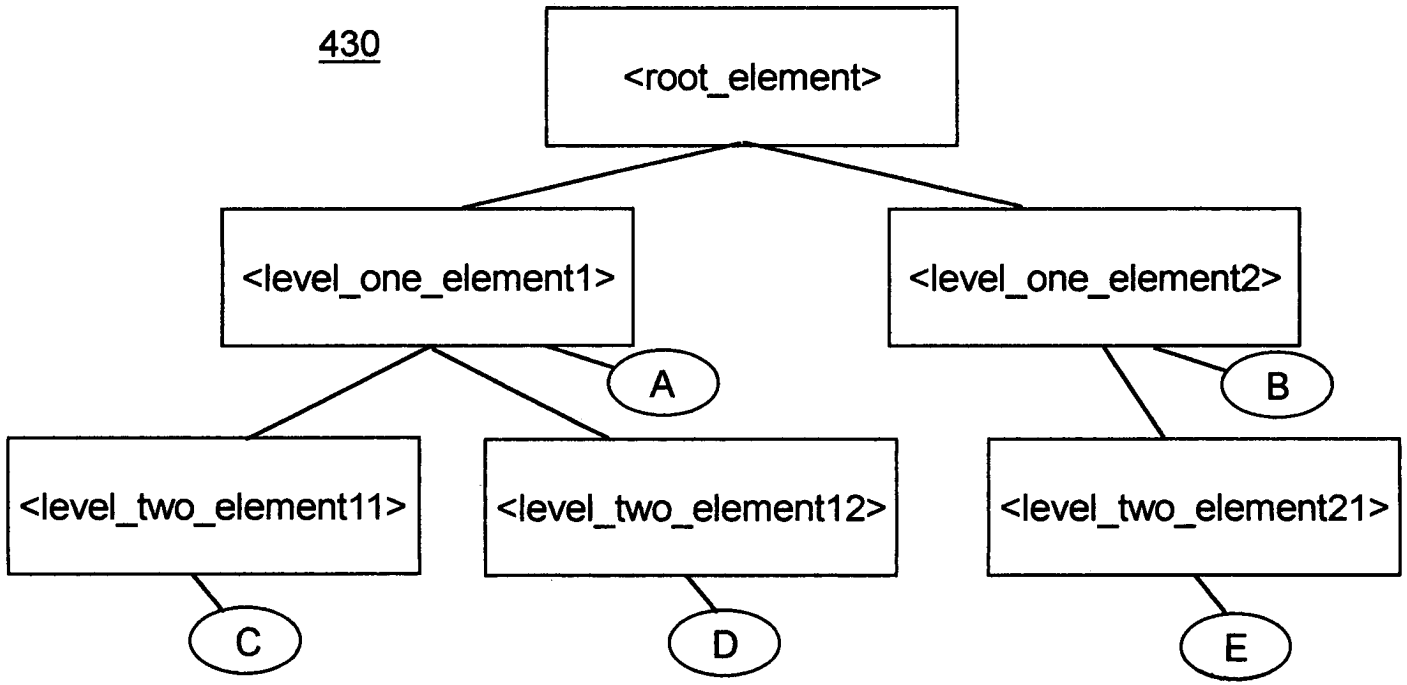


FIG. 4C

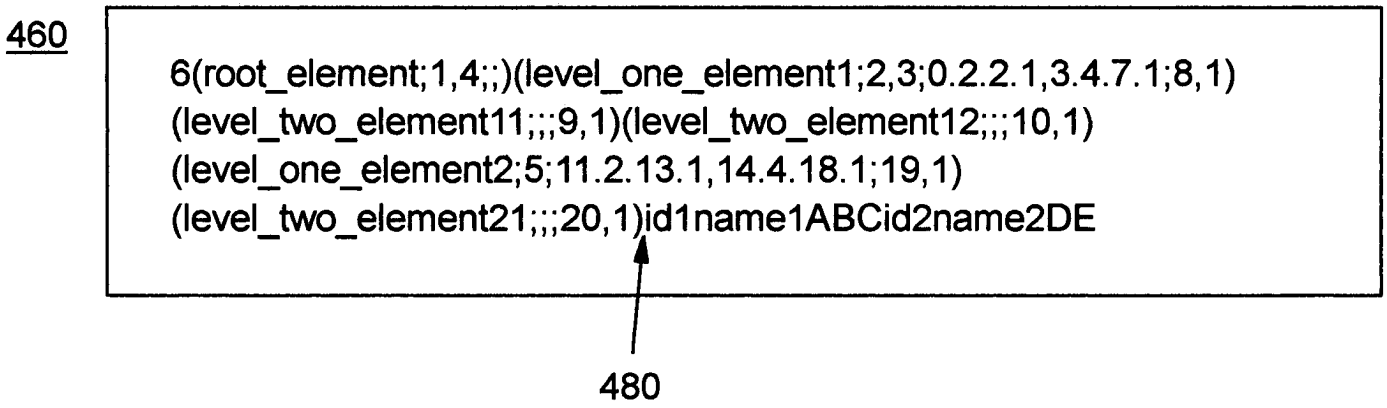

460
6(root_element;1,4;;)(level_one_element1;2,3;0.2.2.1,3.4.7.1;8,1)
(level_two_element11;;;9,1)(level_two_element12;;;10,1)
(level_one_element2;5;11.2.13.1,14.4.18.1;19,1)
(level_two_element21;;;20,1)id1name1ABCid2name2DE
480

FIG. 5

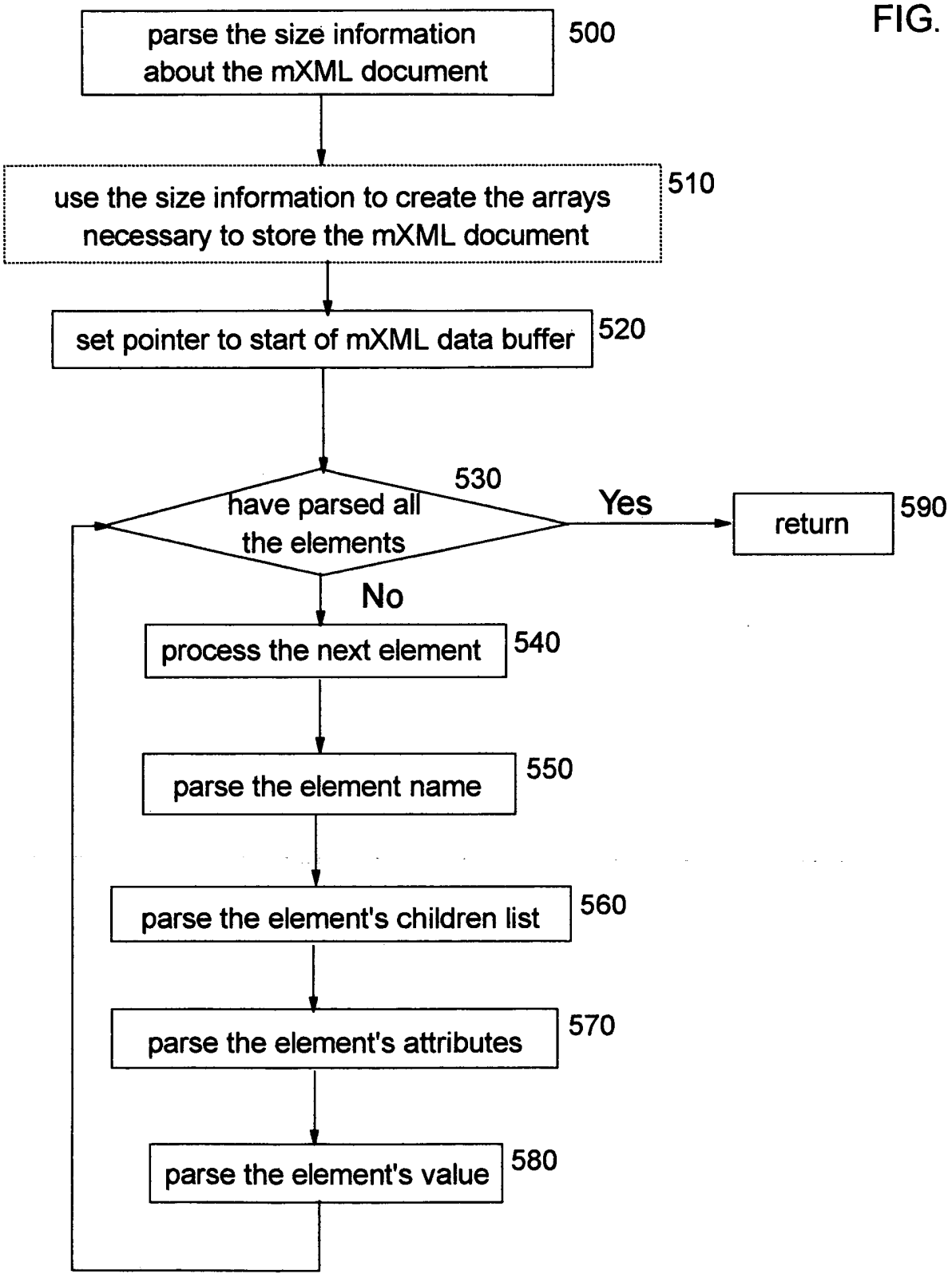


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FIG. 6

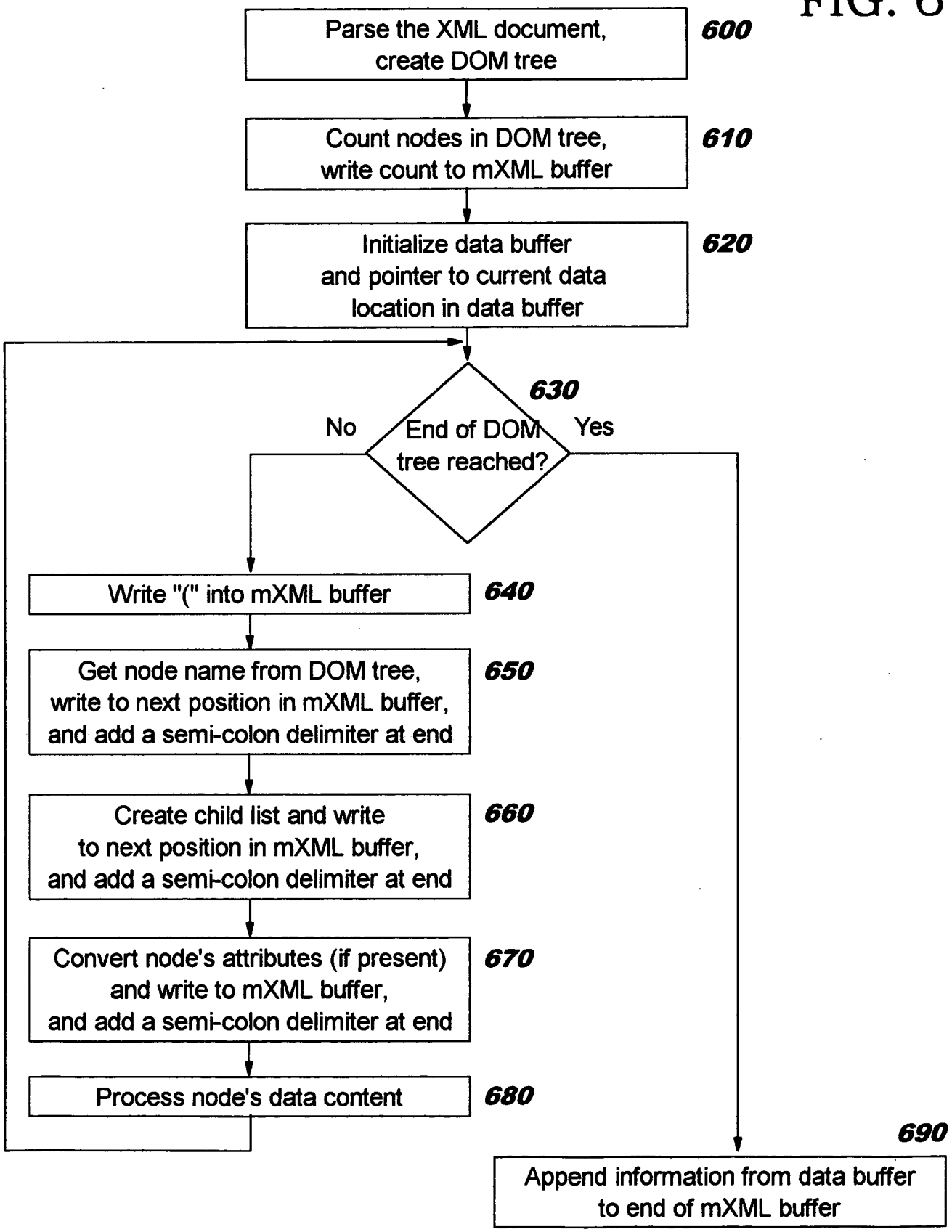

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FIG. 7A

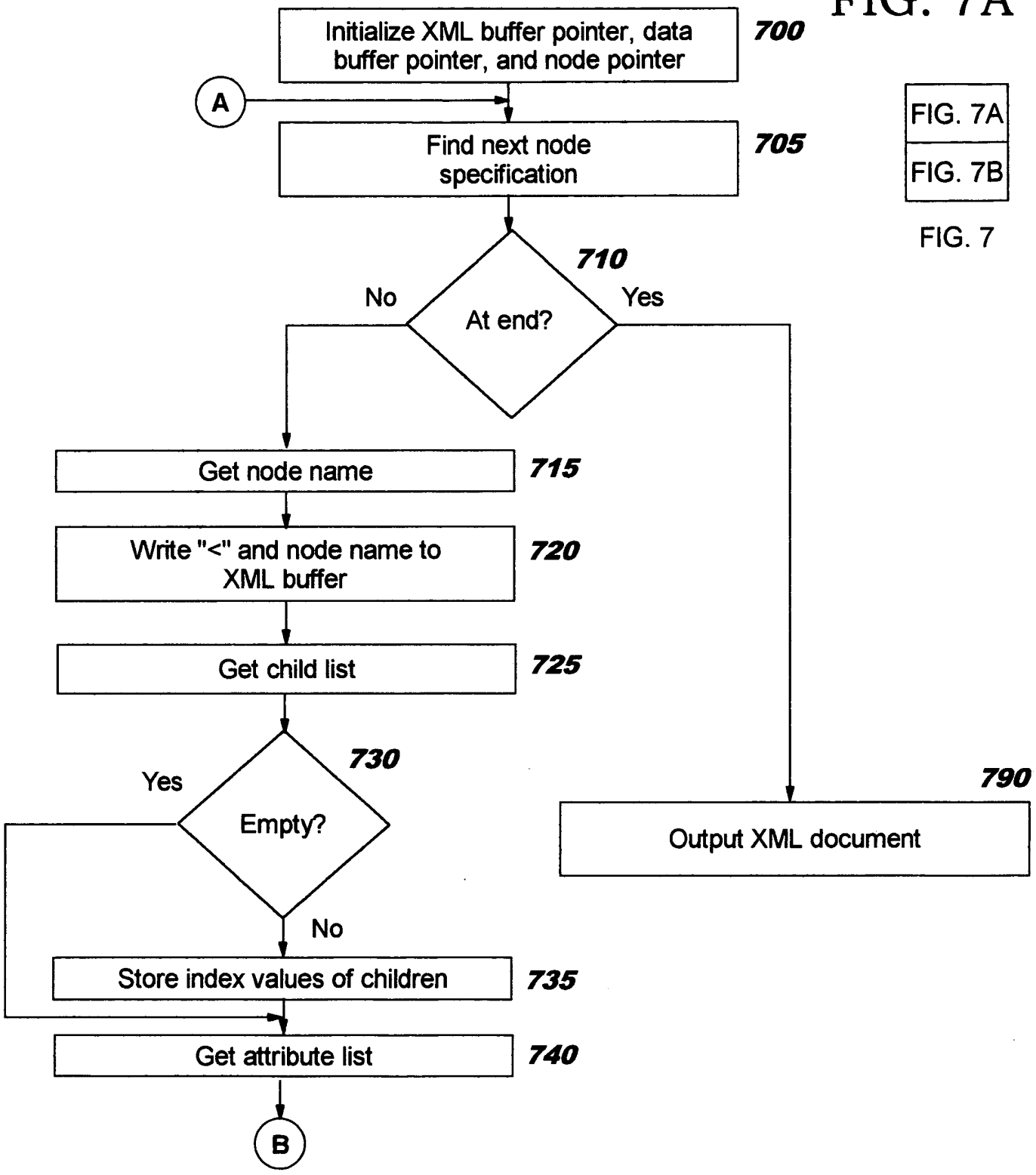

FIG. 7A
FIG. 7B

FIG. 7

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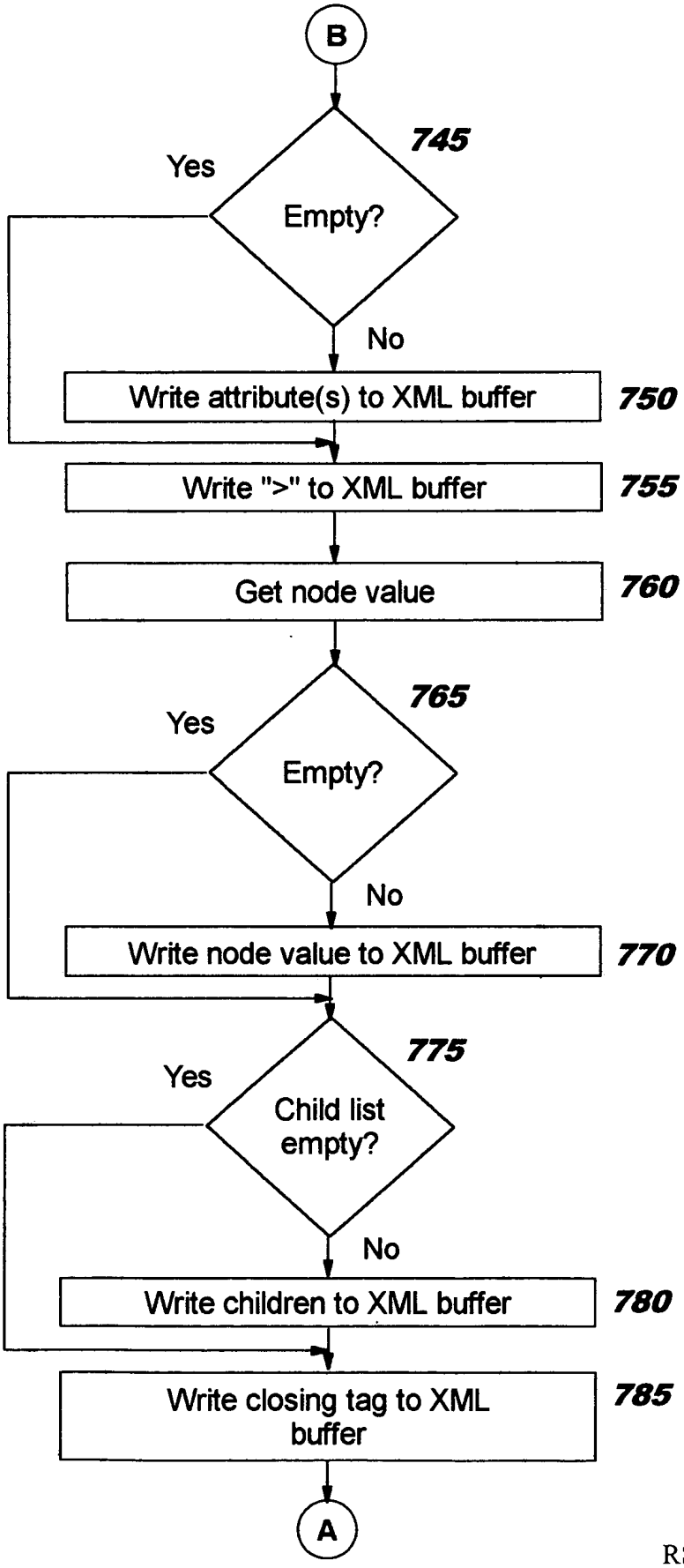
FIG. 7B


B
745
Yes
Empty?
No
Write attribute(s) to XML buffer
750
Write ">" to XML buffer
755
Get node value
760
765
Yes
Empty?
No
Write node value to XML buffer
770
775
Yes
Child list empty?
No
Write children to XML buffer
780
Write closing tag to XML buffer
785
A